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wall having a heel portion and a toe portion, said body having an integral hosel for receiving one end of a club shaft, means for perimeter weighting the body including an integral metallic perimeter wall surrounding at least a major portion of the ball striking wall and extending rearwardly therefrom forming a cavity in the rear of the clubhead with a bottom defined by the back of the ball striking wall, and means for increasing the perimeter weighting of the clubhead including an extension of the heel portion of the ball striking wall a substantial distance on the side of the hosel opposite the wall toe portion and perpendicular to the target line defining an extended heel portion and an extension of the perimeter wall around the perimeter of the extended heel portion of the ball striking wall, said hosel having an axis, said extension of the ball striking wall and said extension of the perimeter wall not being greater than 0.562 inches from the hosel axis in a direction perpendicular to the hosel axis.

20. A high impact golf clubhead, comprising: a metallic body having a substantially flat ball striking wall on one side thereof angularly related to a vertical plane to provide clubhead loft, said ball striking wall having a plurality of generally parallel grooves therein and a face

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height of at least 1.4 inches, said ball striking wall being substantially planar and relatively thin, said ball striking wall having a heel portion and a toe portion, said body having an integral hosel for receiving one end of a club shaft, means for perimeter weighting the body including an integral metallic perimeter wall surrounding at least a major portion of the ball striking wall and extending rearwardly therefrom forming a cavity in the rear of the clubhead with a bottom defined by the back of the ball striking wall, and means for increasing the perimeter weighting of the clubhead including an extension of the heel portion of the ball striking wall a substantial distance on the side of the hosel opposite the toe portion and perpendicular to the target line defining an extended heel portion and an extension of the perimeter wall around the perimeter of the extended heel portion of the ball striking wall, said hosel having an axis, said extension of the ball striking wall and said extension of the perimeter wall being about .500 inches from the hosel axis in a direction perpendicular to the hosel axis, said perimeter wall including a top wall portion, a bottom wall portion and a rear wall portion, said rear wall portion and the top wall portion converging at an acute angle to define a generally pointed heel tip.

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21. A high impact golf clubhead, comprising: a base including a high impact forward wall and a perimeter wall surrounding the forward wall with a center and defining a hollow area generally centrally behind the forward wall, said forward wall having a ball impacting face wall with a plurality of generally parallel grooves therein and a face height of at least 1.4 inches, said forward wall being substantially planar and relatively thin inside the perimeter wall to reduce clubhead weight, said base having a shaft receiving hosel therein having an axis that defines with a leading edge of the forward wall a face progression, and means to reduce a tendency to slice the golf ball including a substantial extension of the perimeter wall and the forward wall outwardly from the hosel in a direction away from the impact center on the forward wall and perpendicular to the target line, said extension being about 0.500 inches.

22. A high impact golf clubhead, comprising: a sloping front face having grooves therein, said front face having a toe portion, a heel portion, and at its base a lower leading edge and being substantially planar and relatively thin, said face being generally perpendicular to a target line that passes through the geometric center of the club face with a face height of at least 1.4 inches, and an

integral hosel segment including a bore for receiving a shaft; wherein the hosel segment is inset toward the target line from the heel portion, said face having a portion extending from the hosel in a direction opposite the geometric center generally horizontally, a perimeter wall extending rearwardly from said face portion, and the axis of said hosel bore is spaced from said heel portion a distance of at least 0.500 inches but not more than 0.562 inches.

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23. A high impact golf clubhead, comprising: a base including a high impact forward wall and a perimeter wall surrounding the forward wall and defining a hollow area generally centrally behind the forward wall, said forward wall having a ball impacting face with a plurality of generally parallel grooves therein and being substantially planar and relatively thin, said ball impacting face having a vertical height of at least 1.4 inches, said forward wall having a substantially uniform thickness inside the perimeter wall to reduce clubhead weight, said base having a shaft receiving hosel thereon having an axis that defines with a leading edge of the forward wall a face progression, and means to increase the radius of gyration of the base about a geometric impact center on the forward wall including an extension of the perimeter wall and the forward wall

outwardly from the hosel in a direction away from the impact center on the forward wall and perpendicular to the target line, said extension of the forward wall and the perimeter wall not being greater than 0.625 inches from the axis of the hosel in a direction perpendicular to the hosel axis.

20 24. A high impact golf clubhead, comprising: a metallic body having a substantially flat ball striking wall one one side thereof angularly related to a vertical plane to provide clubhead loft, said ball striking wall having a plurality of generally parallel grooves therein and a face height of at least 1.4 inches and being substantially planar and relatively thin, said ball striking wall having a heel portion and a toe portion, said body having an integral hosel for receiving one end of a club shaft, means for perimeter weighting the body including an integral metallic perimeter wall surrounding at least a major portion of the ball striking wall and extending rearwardly therefrom forming a cavity in the rear of the clubhead with a bottom defined by the back of the ball striking wall, and means for increasing the perimeter weighting of the clubhead including an extension of the heel portion of the ball striking wall a substantial distance on the side of the hosel opposite the wall toe portion and perpendicular to the target line defin-

ing an extended heel portion and an extension of the perimeter wall around the perimeter of the extended heel portion of the ball striking wall, said hosel having an axis, said extension of the ball striking wall and said extension of the perimeter wall not being greater than 0.625 inches from the hosel axis in a direction perpendicular to the hosel axis.

25. A high impact golf clubhead, comprising: a base including a high impact forward wall and a perimeter wall surrounding the forward wall and defining a hollow area generally centrally behind the forward wall, said forward wall having a ball impacting face with a plurality of generally parallel grooves therein and a face height of at least 1.4 inches, said forward wall being substantially planar and relatively thin inside the perimeter wall to reduce clubhead weight, said base having a shaft receiving hosel thereon having an axis that defines with a leading edge of the forward wall a face progression, and means to increase the radius of gyration of the base about a geometric impact center on the forward wall including an extension of the perimeter wall and the forward wall outwardly from the hosel in a direction away from the impact center on the forward wall and perpendicular to the target line, said

extension of the forward wall and the perimeter wall not being greater than 0.625 inches from the axis of the hosel in a direction perpendicular to the hosel axis.

26. A high impact golf clubhead, comprising: a metallic body having a substantially flat ball striking wall one one side thereof angularly related to a vertical plane to provide clubhead loft, said ball striking wall having a plurality of generally parallel grooves therein and a face height of at least 1.4inches and being generally planar and relatively thin, said ball striking wall having a heel portion and a toe portion, said body having an integral hosel for receiving one end of a club shaft, means for perimeter weighting the body including an integral metallic perimeter wall surrounding at least a major portion of the ball striking wall and extending rearwardly therefrom forming a cavity in the rear of the clubhead with a bottom defined by the back of the ball striking wall, and means for increasing the perimeter weighting of the clubhead including an extension of the heel portion of the ball striking wall a substantial distance on the side of the hosel opposite the wall toe portion and perpendicular to the target line defining an extended heel portion and an extension of the perimeter wall around the perimeter of the extended heel portion of the